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Supermicro® Highlights HPC Optimized 1U 100Gbps 48-Port Intel® Omni-Path Based Switch and 2U TwinPro SuperServer® Solutions at SC'15

New Solutions Optimized for High Performance Data Analytics, Machine Learning, and Software Defined Visualization

AUSTIN, Texas, Nov. 16, 2015 /PRNewswire/ -- **Super Micro Computer, Inc. (NASDAQ: SMCI)**, a global leader in high-performance, high-efficiency server, storage technology and green computing debuts a new 100Gbps HPC cluster solution at SC'15 that leverages the Intel Scalable System Framework (SSF) to address evolving demands across high performance data analytics, machine learning, visualization, traditional modeling and simulation workloads. Supermicro's 2U TwinPro²™ and new 1U 48-port top-of-rack network switch support the 100Gbps Intel® Omni-Path Architecture (OPA) providing a unique HPC cluster solution offering excellent bandwidth, latency and message rate that is highly scalable and easily serviceable. In addition, Supermicro will highlight its 2U TwinPro²™ SuperServer® supporting the Intel® Xeon Phi™ x200 Processor providing 4x hot-swappable single socket nodes and support for 100Gbps via Intel® Omni-Path Architecture add-on-cards.

"Supermicro's robust and versatile 100Gbps enabled 2U TwinPro² with Intel Xeon and Xeon Phi x200 processors combined with our 100Gbps 48-port top-of-rack Omni-Path based network switch is exactly the best solution for HPC applications that require maximum performance, scalability, compatibility and sustainability," said Charles Liang, President and CEO of Supermicro. "Our end-to-end high performance computing clusters that leverage Intel processor technologies, Omni-Path Architecture and SSF are now available for SDV, HPC and Enterprise/Cloud scale applications and will help drive the next generation of supercomputing."

"Intel® Omni-Path Architecture offers a scalable high-performance fabric solution that addresses the growing needs of HPC and data center applications," said Hugo Saleh, Director of HPC Marketing and Industry Development at Intel. "Our ongoing collaboration with Supermicro leverages Intel best-in-class technologies to develop high performance end-to-end computing solutions that help customers reduce power consumption and cost inherent in extremely large scale HPC deployments. Together we are planning to deliver balanced systems using the Intel® Scalable System Framework early next year that maximize compute footprint, interconnect performance and overall FLOPs per dollar."

Supermicro 1U 48-Port 100Gbps Top-of-Rack Switch and 2U TwinPro²™ and Solutions

- Supermicro 1U 48-Port 100Gbps top-of-pack network switch (SSH-C48Q) - based on Intel® Omni-Path Architecture
- Supermicro 2U TwinPro²™ SuperServer® Series - Quad hot-swap nodes each node supporting dual Intel® Xeon® processor E5-2670 v3, 512GB DDR4 memory in 16x DIMMs and 1x PCI-E 3.0 (x16) slots supporting Intel® Omni-Path (Chippewa Forest) 100Gbps add-on-card
- Supermicro 2U TwinPro²™ SuperServer® (SYS-2028TPK-HTR) - Quad hot-swap nodes, each node supporting an Intel® Xeon Phi™ x200 Processor, 384GB DDR4 Memory in 6x DIMMs per node and 2x PCI-E 3.0 (x16) supporting Intel® Omni-Path 100Gbps add-on-card

Visit Supermicro at SC 2015 in Austin, TX, November 16th through the 19th at the Austin Convention Center, Booth #1518. For more information on Supermicro's complete range of high performance, high-efficiency Server, Storage and Networking solutions, visit www.supermicro.com.

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About Super Micro Computer, Inc.

Supermicro® (NASDAQ: SMCI), the leading innovator in high-performance, high-efficiency server technology is a premier provider of advanced server Building Block Solutions® for Data Center, Cloud Computing, Enterprise IT, Hadoop/Big Data, HPC and Embedded Systems worldwide. Supermicro is committed to protecting the environment through its "We Keep IT Green®" initiative and provides customers with the most energy-efficient, environmentally-friendly solutions available on the market.

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